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(71)Applicant : TOYO KOGYO KK
TOYOCO CO LTD

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(72)Inventor : OZAWA TOSHIO
SHIOTANI TSUTOMU

(54) ANTIBACTERIAL TEXTILE PRODUCT AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To impart a textile product with durable antibacterial property, moisture-retaining property, ultraviolet-shielding property, etc., without damaging the human body or organisms.

CONSTITUTION: A textile product made of natural, regenerated or synthetic fibers is coated with a mixture or a composite material containing a water-soluble salt or oxide of a group Ib element (copper or silver), a group IIa element (magnesium or calcium), a group IIb element (zinc), a group IIIb element (aluminum) and/or a group IVb element (tin) of the periodic table, chitosan and a water-soluble (meth)acrylic acid-type polymer or its water-soluble salt as essential components.

LEGAL STATUS

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